

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039646.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 09:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2023
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e
 Quant Time: Jan 06 02:52:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.925	2940386	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.362	2273968	19.757 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.318	2357371	18.238 ug/ml
2) T n-Decane (C10)	4.568	2373510	18.627 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2692318	18.625 ug/ml
4) T n-Dodecane (C12)	6.732	2411109	18.572 ug/ml
5) T A~2-methylnaphthalene...	7.366	2540603	18.759 ug/ml
6) T n-Tetradecane (C14)	8.559	2476985	18.693 ug/ml
7) T n-Hexadecane (C16)	10.165	2617783	19.028 ug/ml
8) T n-Octadecane (C18)	11.608	2711244	19.358 ug/ml
10) T n-Eicosane (C20)	12.917	2676393	19.606 ug/ml
11) T n-Heneicosane (C21)	13.527	2687509	19.704 ug/mlm
13) T n-Docosane (C22)	14.115	2693915	19.914 ug/ml
14) T n-Tetracosane (C24)	15.218	2714742	20.223 ug/ml
15) T n-Hexacosane (C26)	16.238	2673454	20.532 ug/ml
16) T n-Octacosane (C28)	17.189	2739525	21.286 ug/ml
17) T n-Tricontane (C30)	18.076	2945288	22.876 ug/mlm
18) T n-Dotriacontane (C32)	18.909	3016551	23.294 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2787505	22.095 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2512985	20.783 ug/ml
21) T n-Octatriacontane (C38)	21.169	2597338	21.031 ug/ml
22) T n-Tetracontane (C40)	22.080	2380005	18.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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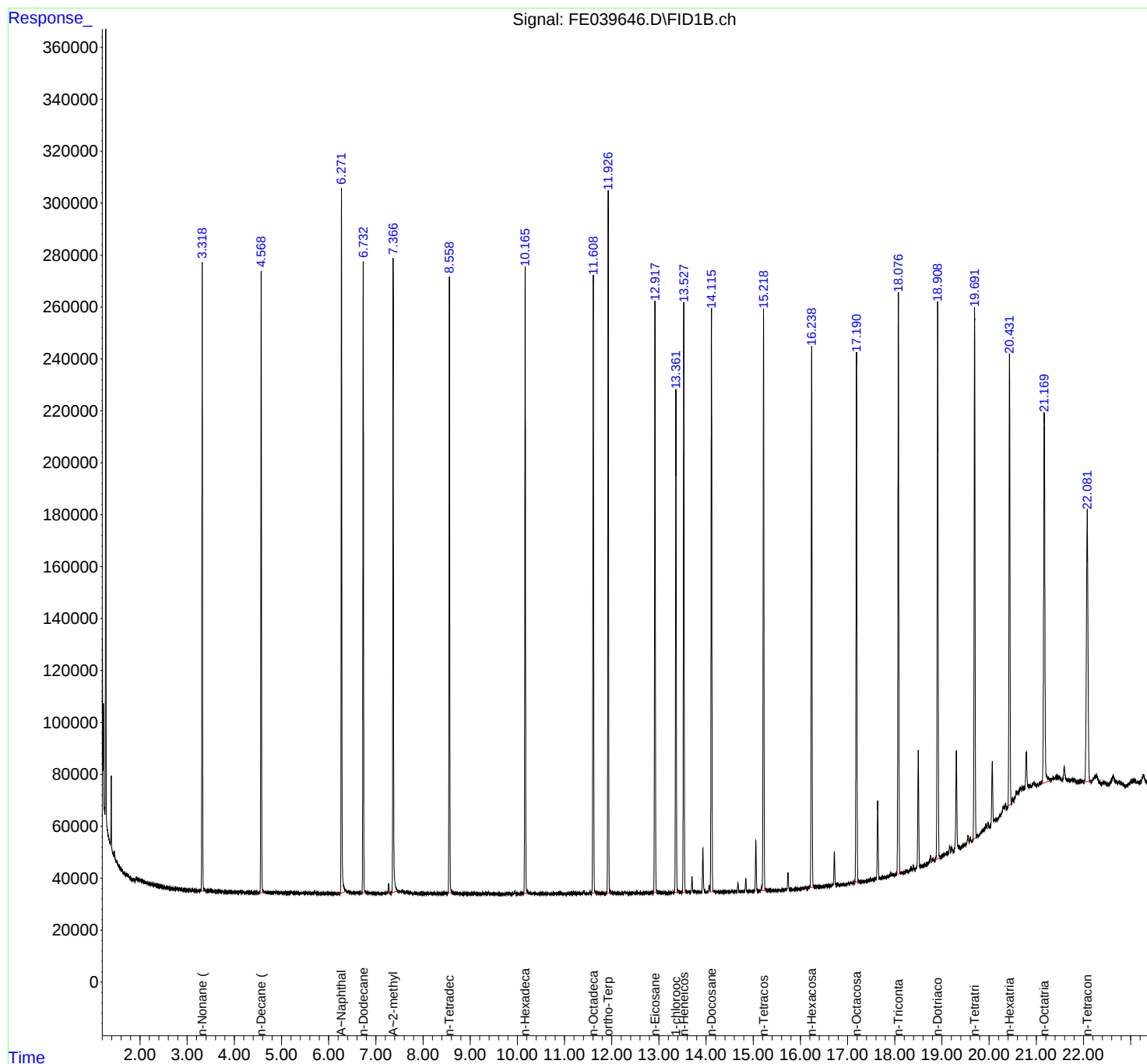
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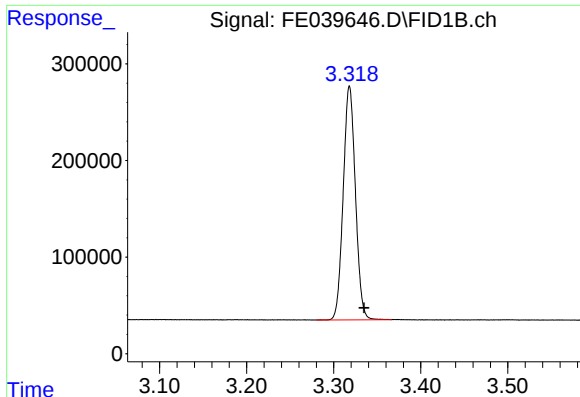
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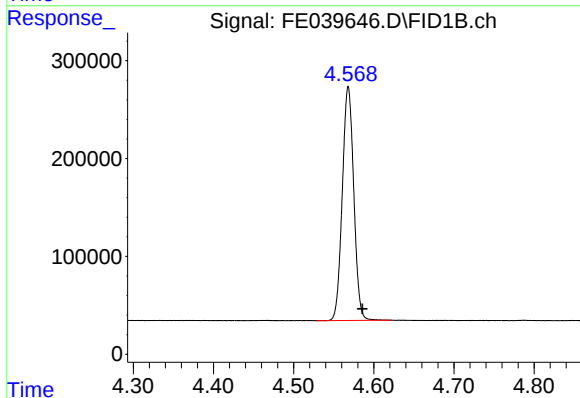
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.017 min
Response: 2357371
Conc: 18.24 ug/ml

Instrument :
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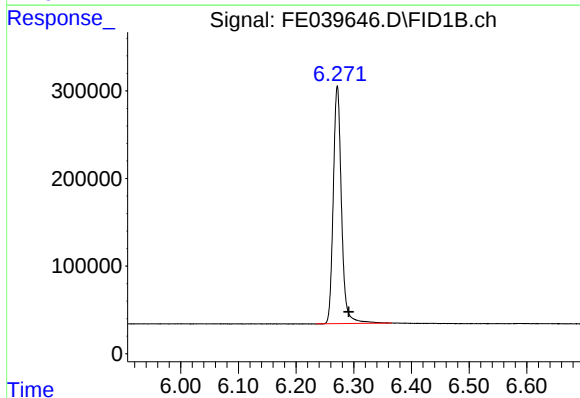
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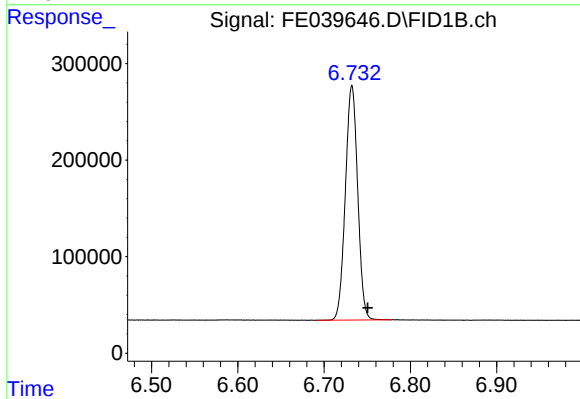
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.018 min
Response: 2373510
Conc: 18.63 ug/ml



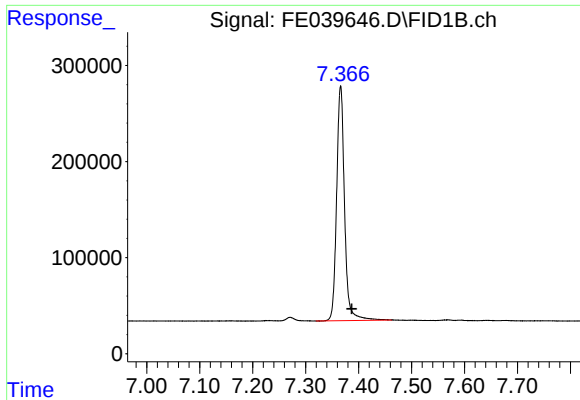
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.019 min
Response: 2692318
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 2411109
Conc: 18.57 ug/ml



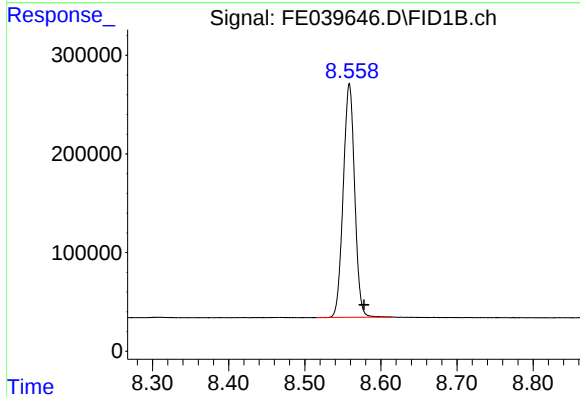
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: -0.021 min
Response: 2540603
Conc: 18.76 ug/ml

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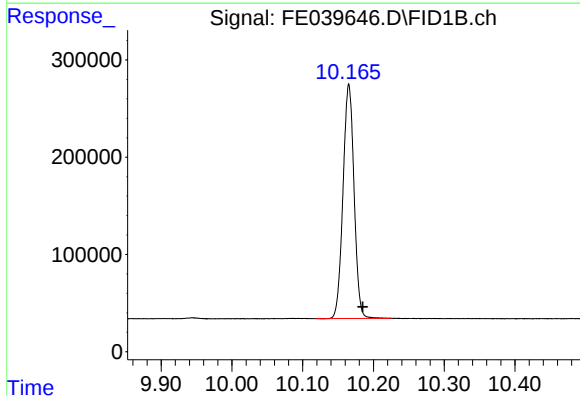
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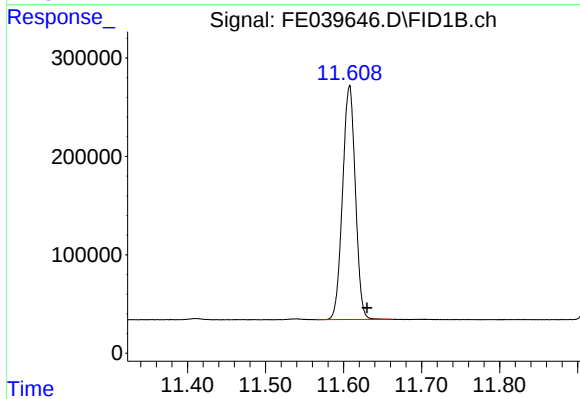
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.019 min
Response: 2476985
Conc: 18.69 ug/ml



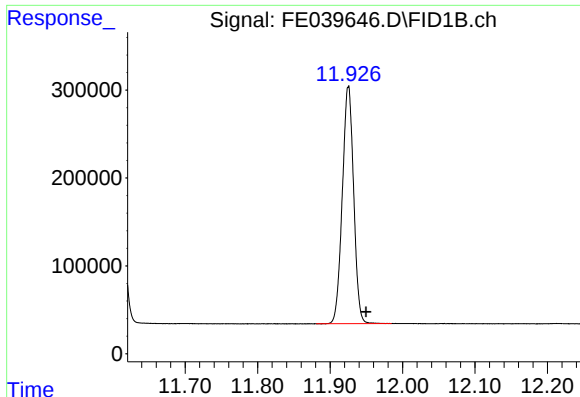
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.020 min
Response: 2617783
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.023 min
Response: 2711244
Conc: 19.36 ug/ml



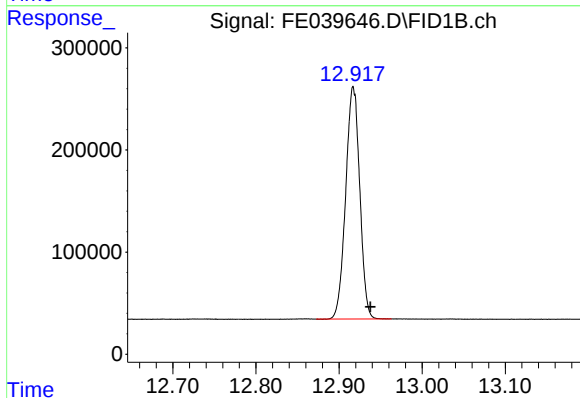
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.024 min
Response: 2940386
Conc: 19.70 ug/ml

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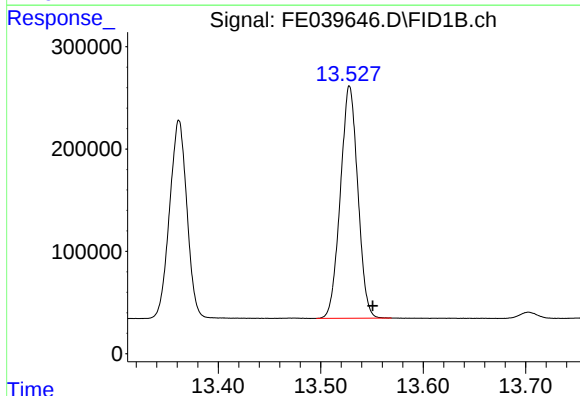
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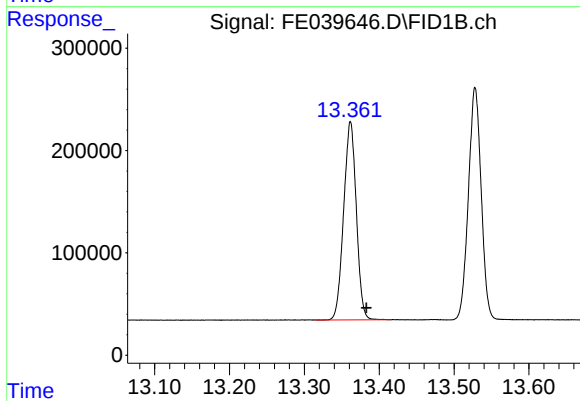
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.020 min
Response: 2676393
Conc: 19.61 ug/ml



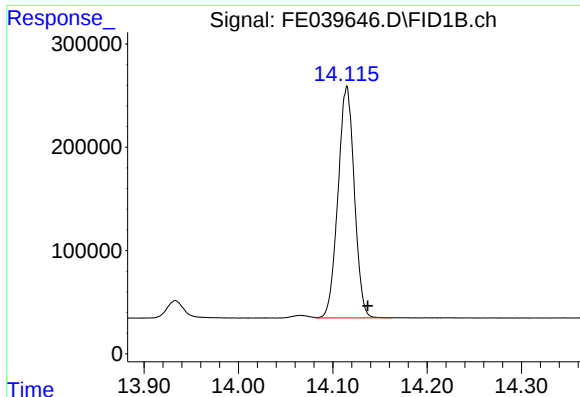
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.023 min
Response: 2687509
Conc: 19.70 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.021 min
Response: 2273968
Conc: 19.76 ug/ml



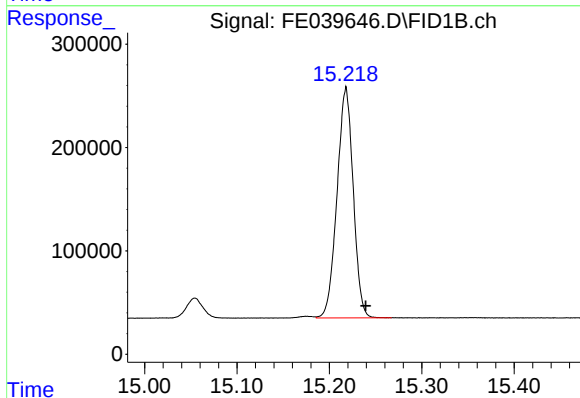
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.022 min
Response: 2693915
Conc: 19.91 ug/ml

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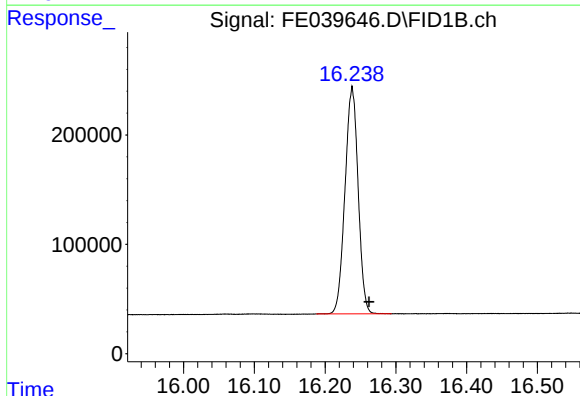
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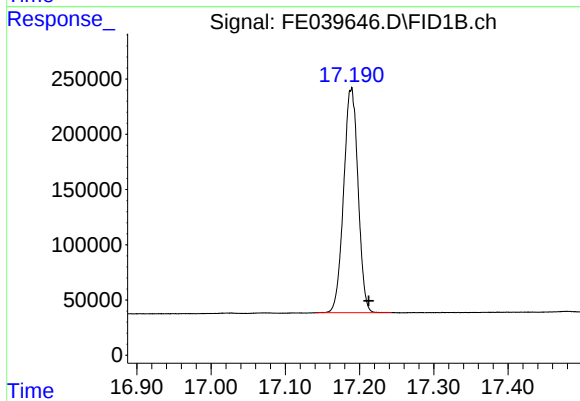
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.022 min
Response: 2714742
Conc: 20.22 ug/ml



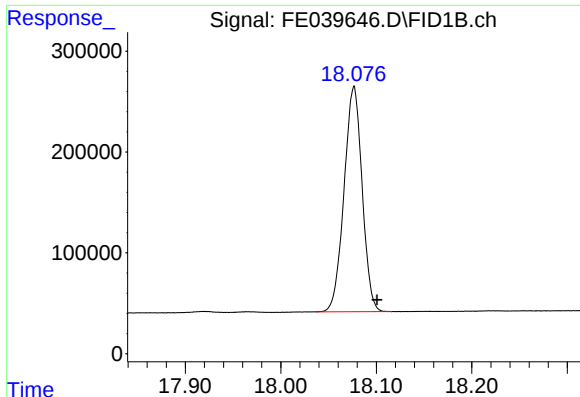
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.024 min
Response: 2673454
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: -0.024 min
Response: 2739525
Conc: 21.29 ug/ml



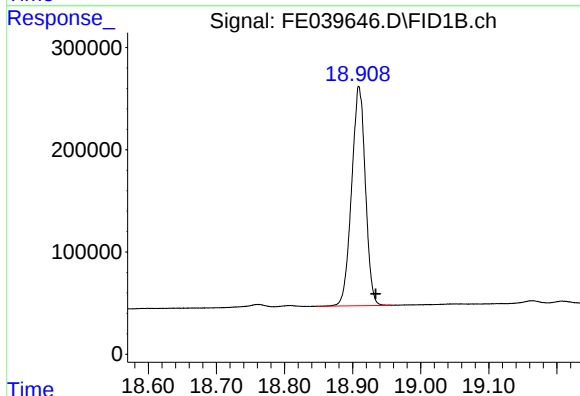
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: -0.024 min
Response: 2945288
Conc: 22.88 ug/ml

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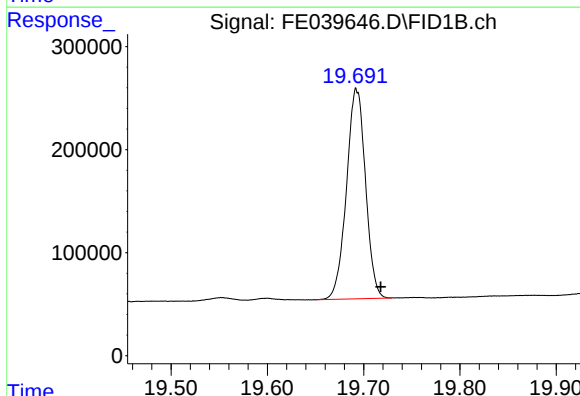
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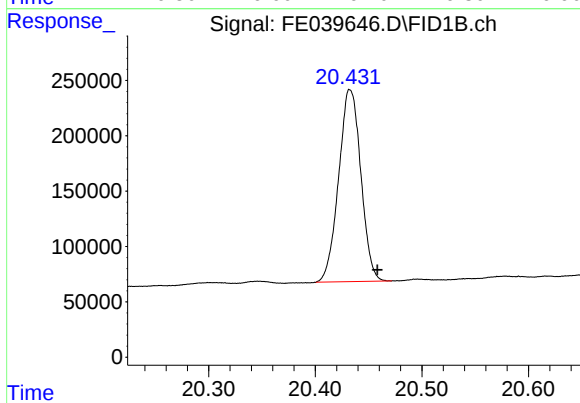
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.025 min
Response: 3016551
Conc: 23.29 ug/ml



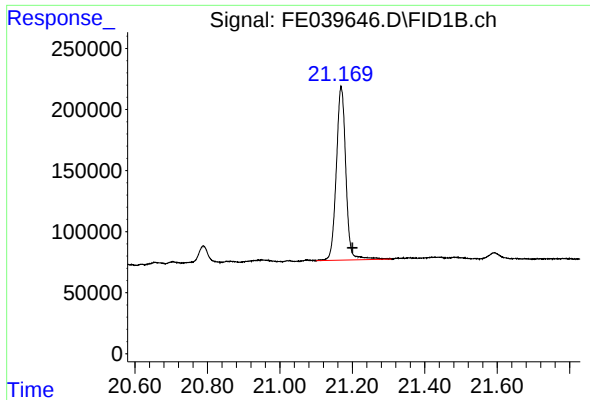
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.025 min
Response: 2787505
Conc: 22.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.026 min
Response: 2512985
Conc: 20.78 ug/ml



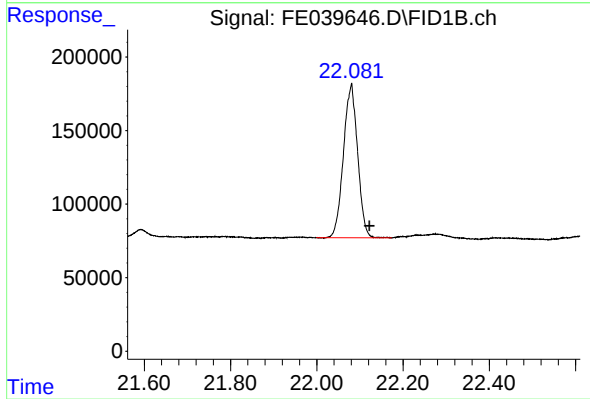
#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.031 min
Response: 2597338
Conc: 21.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.042 min
Response: 2380005
Conc: 18.95 ug/ml